

## EXCELLENCE INITIATIVES AT A GLANCE

### Renewable Energy

Solar  
Hydrogen  
Bioenergy  
Geothermal



### Clean Water

Hydrology “source to sink”  
Water crisis avoidance  
Remote sensor technology  
Water purity



### Nanomaterials

Hierarchical Manufacturing  
Nanomedicine



### Biomedicine

Regenerative medicine  
Nanomedicine  
Molecular therapeutics



### Education

Education Renewal  
Universal Origins outreach



### Innovation

Innovation mentoring service  
Interdisciplinary proposal planning  
Interdisciplinary course development  
Modeling and Visualization Center  
Industry partnerships  
Technology transfer  
Business plan development

